

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Yoshihiro YUU, et al.

Serial No: 10/648,040

Filed: August 26, 2003

For: LAMINATED PIEZOELECTRIC ELEMENT,  
ACTUATOR AND PRINTING HEAD



Art Unit: 2834  
Examiner: Not Assigned

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450, on  
April 30, 2004

Date of Deposit  
Anthony J. Orfer, Reg. No. 41,232

Name  
Signature  
Date 04/30/04

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status has been claimed. See 37 CFR § 1.27.
- ☐ A certified copy of \_ Patent Application No. \_ filed \_ from which priority is claimed under 35 U.S.C. § 119 is enclosed.
- ☐ A Notice Of Change Of Attorney's Address and Associate Power Of Attorney is enclosed.
- ☐ No additional fee is required.

The fee has been calculated as shown below:

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	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA*	LG/SM \$ ENTITY FEE		ADD'L FEE DUE
TOTAL CLAIMS FEE	20	-20	20 **	0	LG=\$18 SM=\$9	\$18	\$ 0
INDEPENDENT CLAIMS FEE	3	-3	3 ***	0	LG=\$86 SM=\$43	\$86	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145		\$ 0
TOTAL							\$ 0

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ A check in the amount of \$-0- to cover the additional claims fee is enclosed. **A copy of this sheet is enclosed.**
- ☐ A check in the amount of \$-0- to cover the extension fee is enclosed. **A copy of this sheet is enclosed.**
- ☒ The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. **A copy of this sheet is enclosed.**
- ☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,  
HOGAN & HARTSON LLP

By:   
Anthony J. Orfer  
Registration No. 41,232  
Attorney for Applicant(s)

Date: April 30, 2004

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Appl. No. 10/648,040  
Amdt. Dated April 30, 2004

Attorney Docket No. 81863.0020  
Customer No.: 26021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Yoshihiro YUU, et al.  
Serial No: 10/648,040  
Confirmation No.: 2427  
Filed: August 26, 2003  
For: LAMINATED PIEZOELECTRIC  
ELEMENT, ACTUATOR AND PRINTING  
HEAD

Art Unit: 2834

Examiner: Not Assigned

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Name

04/30/04

Signature

Date

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Prior to the first Office Action in the present application, please enter and  
consider the following amendments and remarks:

**Amendments** to the specification begin on page 2 of this paper.

**Amendments** to the Claims are reflected in the listing of claims, which begins on  
page 17 of this paper.

**Remarks/Arguments** begin on page 21 of this paper.